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Steve Heiner Photo

Utah County officials are investigating the price tag of a "safe" dam at the Thistle mudslide.

County Mulls Thistle Safety

By J.J. JACKSON
Herald Staff Writer

How much money, Utah County officials are being asked, would it take to make Thistle Dam safe?

"It's like asking how much does it cost for life insurance," replies Doyle Winterton, water division coordinator for the county engineer's office. "How much insurance do you want?"

Some people might say it is safe now, but not all. "If I were a resident of Spanish Fork, I'd say it's not safe enough," Winterton says. "If it were to break (Thistle Dam), it could wash out one-third of Spanish Fork."

Winterton points to a booklet on Thistle the engineer's office has prepared. Six items related to making the Thistle area safer are mentioned in the booklet:

- A spillway at an estimated cost of \$8.5 million. Water is

passing through the dam via a tunnel at the bottom of base of the dam. At the top of the dam, there is a spillway which Winterton says is inadequate. The \$8.5 million would enlarge the spillway to handle three times as much water. The county engineer's office is suggesting the state and federal governments might pick up the tab.

- Currently the mouth of the tunnel under the dam is near the base. The county engineer's office warns it could be clogged by a tree, mud sliding on top of it, etc. So, the county officials say, build a second mouth to the tunnel at a higher elevation. Should the first one clog, the water would rise to the elevation of the second and then again pass through the tunnel. This would cost an estimated \$3.5 million and the county engineer is suggesting the county and the Corps of Engineers might pay

the cost.

- Move U.S.-89 at a cost of \$11.5 million. The current route to Ephraim and is often blocked by water which backs up behind the dam, crossing route 89. The county engineer's office suggests federal and state monies be used.

- Purchase property in Thistle area at the cost of \$1 million. If the water behind the dam is to be allowed to back up on property of private residents, government may be prompted to purchase the land. The county engineer's office suggests the county might be willing to bear the cost.

- Stabilization of the dam at a cost of \$10 million. Water backed up behind the dam from April, 1983, to January, 1984. Then, however, the state determined the dam was not safe and opened the gates on the tunnel, allowing the water to pour out. The concern is that the dam could break should

the tunnel become clogged and water again back up behind the dam.

Also, stabilization would be needed before water could be purposely allowed to back up for recreational value. The county engineer's office is suggesting a power agency could pay the bill as indicated by the next item.

- Construction of a hydropower plant. This would cost an estimated \$7 million and the county engineer's office is suggesting a power agency could pay the bill. A power plant could potentially bring in \$1.2 million each year and the amount could repay the cost of stabilizing the dam.

The total bill for the six items comes to an estimated \$40 million. That compares to an estimated \$200 million which was spent by governments and the railroad in the aftermath of the Thistle Mudslide in April, 1983.

...and put bags on their heads
...bulldozed at least two homes
...pected of containing explosives,
...te-owned Beirut radio said.
...dependent reports from Israeli-
...occupied southern Lebanon said
...the man was found dead just north
...the village and at least one man
...s wounded by gunshots in the
...ident. There was no immediate
...nment from Israel.

Arafat Asks U.S. For Recognition

AMMAN, Jordan (UPI) — Pales-
...ian leader Yasser Arafat urged
...Reagan administration today to
...gnize the rights of the Palesti-
...n people to a homeland after
...reeing to work with Jordan on a
...at plan for Middle East peace.
...he agreement with Jordan's
...g Hussein Monday is aimed at
...ching a "just solution for the
...dle East crisis," the leader of
...Palestine Liberation Organiza-
...n told reporters at Amman mili-
...y airport before leaving early
...ay. His destination was not
...own.

Opposition Takes Early Korea Lead

SEOUL, South Korea (UPI) — A
...w opposition party aligned with
...sident leader Kim Dae Jung
...k an early lead in the capital
...ies in elections the opposition
...es will demonstrate a lack of
...port for President Chun Doo
...an.
...he elections, for a 276-seat Na-
...al Assembly, drew the highest
...er turnout in 25 years as 84.2
...cent of the nation's 23.9 million
...ible voters cast ballots in un-
...sonably mild weather, election
...cials said.

Fur Flies on Kim Delegation Issue

WASHINGTON (UPI) — An
...merican who accompanied Kim
...e Jung home to South Korea
...s the U.S. ambassador is "full
...baloney," but a senior State
...partment official calls the
...merican delegation a "traveling
...cus."
...charges and countercharges are
...ng about the role of the delega-
...n of U.S. human rights activists
...o accompanied the opposition
...der to Seoul Friday. South Kore-
...security police forcibly separat-
...Kim from the delegation, rough-
...up several Americans who had
...ked arms around Kim and pro-
...ing a formal protest from the
...S. Embassy.

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...in Nuremberg-Munich highway. It
...was West Germany's worst bus
...crash for almost 20 years.

He said that of 24 bandsmen who
...survived the crash, only six were
...thought to be still in hospital. Two
...of the injured were described as in
..."very serious condition" and two
...more were said to be "serious."

The spokesman said the grisly
...work of identifying the bodies was
...continuing — mostly through teeth
...identification.

"Dental experts have gone down
...there for that purpose," he said.

He said that once identified, the
...bodies of the 18 bandsmen would
...be flown to Britain for burial.



Workmen clean up burnt-out remains of fatal double-decker

Information Sought on Kidnapped

GUADALAJARA, Mexico (UPI)
— The U.S. government is offering
...a \$50,000 reward for information
...about a kidnapped U.S. narcotics
...agent, underscoring concern for
...the official who reportedly partici-
...pated in a recent major drug bust.

A U.S. Embassy spokesman said
...Monday that four armed men
...forced the Drug Enforcement
...Agency agent Enrique Camarena
...Salazar, 37, into their car after he

left his office in Guadalajara,
...about 280 miles west of Mexico
...City, to meet his wife for lunch
...last Thursday.

In what appeared to be a related
...development, authorities said a
...Mexican pilot, Alfredo Zavala Avel-
...lar, was abducted two hours after
...Camarena. Zavala Avelar was ap-
...parently used by Camarena to fly
...drug-detection missions in Mexico.

Authorities have received no

word from the kidnappers since the
...abduction and on Monday the em-
...bassy offered a rare \$50,000 reward
...for information on Camarena.

"These are unusual circum-

Chernenko Won't Meet Papandreou

MOSCOW (UPI) — President
...Konstantin Chernenko, who has not
...been seen in public for six weeks,
...was unable to meet with Greek
...Prime Minister Andreas Papan-
...dreou today because of illness.
...Soviet officials told a Greek
...spokesman.

A Foreign Ministry spokesman
...earlier had said Chernenko, 73, was
...out of town and could not meet
...with the visiting socialist prime
...minister.

Greece and the Soviet Union are
...scheduled to sign various protocols
...today, including the possible build-
...ing of a \$500 million Soviet factory
...in Greece and the extension of the
...Soviet gas pipeline to the Greek
...mainland.

Papandreou, who arrived for a
...three-day official visit Monday,
...hailed the upcoming Soviet-Ameri-
...can talks on nuclear arms control
...as an opportunity to lessen world
...tensions.

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